

# Converting Colors

Android(4291514837)

Have a look what the booklet for  
Android(4291514837) contains.

<b>Android(4291514837)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4291514837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB51D5
RGB	203, 81, 213
RGB Percent	80%, 32%, 84%
CMY	0.2039, 0.6824, 0.1647
CMYK	0.05, 0.62, 0.00, 0.16
HSL	295°, 61%, 58%
HSV	295°, 62%, 84%
XYZ	39.5813, 23.3855, 65.3785
YIQ	132.5260, 30.3400, 66.9160

# Conversions

## Conversions Part 2

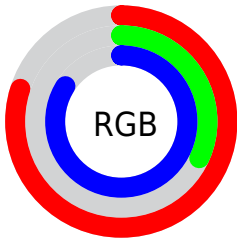
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	203, 81, 213
Decimal	13324757
CIE <sub>Lab</sub>	55.47, 65.33, -45.51
CIE <sub>LCh</sub>	55, 79.622, 325.140
Yxy	23.3855, 0.3084, 0.1822
Android (android.graphics.Color)	4291514837 (0xFFCB51D5)
YUV	132.5260, 39.6737, 61.8057
Hunter-Lab	48.3585, 61.4742, -46.3064

# Details

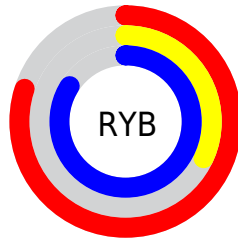
The Android color `4291514837` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4284208465`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4294937087`, and `4287695518` is the 20% darker color. If you saturate the color by 10%, you get `4291378389`, and if you desaturate by 10%, it is `4291651285`.

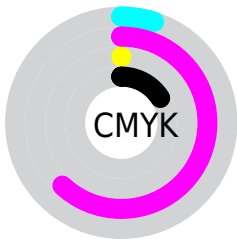
# Distribution



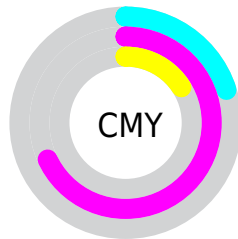
- Red (80%)
- Green (32%)
- Blue (84%)



- Red (80%)
- Yellow (32%)
- Blue (84%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (16%)




- Cyan (20%)
- Magenta (68%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291514837 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4291514837 by changing the saturation by 10% instead.



 4291514837

 4291514837

4294967295

 4289606585

 4294937087

 4287695518

 4294944511

 4285857923

 4294951679

 4284088425

 4294959359

 4282318929

 4294966783

 4280614969

 4278190114

 4278190088

 4278190080

4291514837

4291514837

4291378389

4291651285

4291307221

4291722453

4291170773

4291858901

4291100885

4291929813

4292066261

4292202965

4292273877

4292410325

4292542421

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284578047



4291514837



4294322835

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291514837



4289363456



4278231742

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4291514837



4284208465

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278231671



4291514837



4285043200

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291514837



4292632320



4278230317



4278230774

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291514837



4294716261



4278230317



4278231975



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4291514837



4294692863



4283522261



4286407296



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291514837



4294001407



4292170142



4285161579



4288544939



4280811563



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292170075



4294918737



4283553160



4285227105



4289396749



4281008131



# Previews

## White Background



This preview shows how the Android color 4291514837 looks on a white background.

## Color Contrast Check

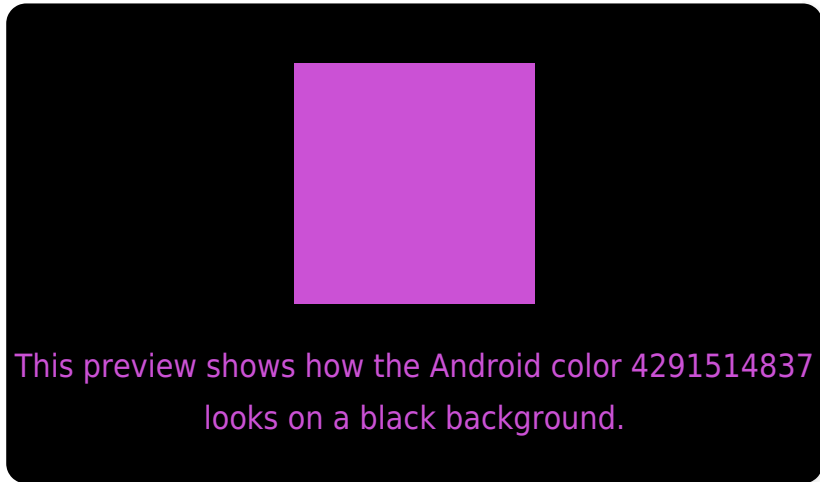
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

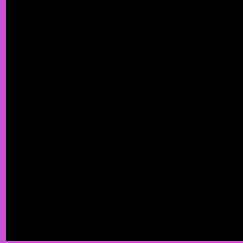
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291514837 Background



This preview shows how black text looks on a background with the Android color 4291514837.



This preview shows how white text looks on a background with the Android color 4291514837.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4291514837



**Protanomaly**  
4285624560



**Deuteranomaly**  
4287132367



**Tritanomaly**  
4290995096

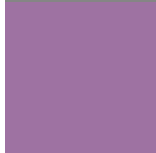
# Monochromacy



**Original Color**  
4291514837



**Achromatopsia**  
4286940549



**Achromatomaly**  
4288574114

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291514837 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 81, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 81, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 81, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 81, 213) }
```

## Border

The CSS property to change the border of an element to Android 4291514837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 81, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 81, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 81, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 81, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 81, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 81,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4291514837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 81, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203, 81,  
213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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